

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3-10-00 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)	9. SCALE. 37 CFR 1.84(k)
1 full-tone set is required. Fig(s) _____	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
Foor quality (half-tone). Fig(s) _____	Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c)	11. SHADING. 37 CFR 1.84(m)
Paper not flexible, strong, white, and durable. Fig(s) _____	Solid black areas pale. Fig(s) _____
Erasures; alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	Solid black shading not permitted. Fig(s) _____
Mylar, velum paper is not acceptable (too thin). Fig(s) _____	Shade lines, pale, rough and blurred. Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
Drawings sheets not an acceptable size. Fig(s) _____	Numbers and reference characters not plain and legible. Fig(s) <u>2-5</u>
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Figure legends are poor. Fig(s) <u>2-5</u>
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	English alphabet not used. 37 CFR 1.84(p)(2) Figs _____
Margins not acceptable. Fig(s) _____	Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	13. LEAD LINES. 37 CFR 1.84(q)
6. VIEWS. 37 CFR 1.84(h)	Lead lines cross each other. Fig(s) _____
REMINDER: Specification may require revision to correspond to drawing changes.	Lead lines missing. Fig(s) _____
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
Brackets needed to show figure as one entity. Fig(s) _____	Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
Views not labeled separately or properly. Fig(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Enlarged view not labeled separately or properly. Fig(s) _____	Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	16. CORRECTIONS. 37 CFR 1.84(w)
Hatching not indicated for sectional portions of an object. Fig(s) _____	Corrections not made from prior PTO-948 dated _____
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	17. DESIGN DRAWINGS. 37 CFR 1.152
	Surface shading shown not appropriate. Fig(s) _____
	Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER JcDATE 6-22-00 TELEPHONE NO. 7033058400ATTACHMENT TO PAPER NO. 17

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.